Index of Claims

Application/	Control	No.
--------------	---------	-----

10/628,312

Applicant(s)/Patent under Reexamination WATERS ET AL.

Examiner

Art Unit

Khanh B. Pham

2166

1	Rejected
=	Allowed

_	(Through numeral) Cancelled

Restricted

Non-Elected N Interference

A	Appeal
0	Objected

Image: Text of the control o	Cla	im)at	_				1 1	Cla	im					Date				\neg
1 1, = 51 52 2 3 = 53 3 4 = 54 4 5 = 55 55 55 55 55 55 55 55 55 55 55 55 56 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	Cie	2011	⊢	ı —	_	_		Ī	_		_	1	Cic				_			ř-			Н
2 3 = 53 3 4 = 55 53 3 3 4 = 55 55 55 55 55 55 55 55 55 56 6 6 7 = 7 8 = 57 8 8 9			90/2/9										Final										
2 3 4 = 4 5 = 54 4 5 = 55 56 60 60 60 60 60 61 11 11 12 12 13 14<	1		=		Γ					I													
2 3 4 = 4 5 = 54 4 5 = 55 56 60 60 60 60 60 61 11 11 12 12 13 14<		12							Г	П	Г	1		52							Π		П
3 4 = 54	2		=									1		53									\Box
4 5 = 56 56 6 7 = 57 7 8 = 58 8 9 = 58 8 9 = 59 9 10 11 12 11 12 = 60 <t< td=""><td></td><td></td><td>Ξ</td><td></td><td></td><td>_</td><td>Т</td><td>Т</td><td>\vdash</td><td>Г</td><td></td><td>1 </td><td></td><td>54</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>П</td></t<>			Ξ			_	Т	Т	\vdash	Г		1		54									П
5 6 = 56 57 57 58 58 59 9 9 10 = 60 60 61 61 61 61 61 61 61 62 63 63 64 63 64 64 65 66 66 66 66 66 67 66 66 67 68 69 69 69 69 69 69 69 60			=	\vdash	\vdash							1 1			\Box								П
6 7 = 57 58 59 9 10 = 59 9 10 = 60 70 70 70 70 70 <td></td> <td></td> <td></td> <td>\vdash</td> <td>Н</td> <td></td> <td>T</td> <td></td> <td>Г</td> <td>Т</td> <td>\vdash</td> <td>1 </td> <td></td> <td></td> <td>\vdash</td> <td></td> <td></td> <td></td> <td></td> <td>Н</td> <td>\vdash</td> <td></td> <td>П</td>				\vdash	Н		T		Г	Т	\vdash	1			\vdash					Н	\vdash		П
7 8 = 58 59 9 10 = 60 60 10 11 = 60 61 11 11 12 = 61 11 11 12 = 62 12 13 = 63 13 14 = 63 63 14 = 65 66 66 66 67 68 66 66 66 67 68 69 70 71 71 72 73 74 74 74 74 74 74 74 74 74 74 74 74 74			⊢-		\vdash	\vdash			Н	H	_	1							<u> </u>	\vdash	\vdash		М
8 9 = 59 9 10 = 60 10 11 = 61 11 12 = 63 12 13 = 63 13 14 = 64 15 66 66 66 17 66 67 66 18 68 69 69 20 70 71 72 73 21 71 72 73 74 25 73 74 75 75 26 77 77 77 77 28 79 30 80 81 31 80 81 82 83 33 83 84 84 85 85 36 86 87 88 88 88 39 90 90 90 90 90 90 41 94 44 94 94 94 94 94 <td></td> <td></td> <td></td> <td>_</td> <td>_</td> <td> </td> <td>H</td> <td></td> <td>T</td> <td>!</td> <td></td> <td>1 </td> <td></td> <td>58</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>_</td> <td></td> <td></td> <td>П</td>				_	_	 	H		T	!		1		58						_			П
9 10 = 60 61 61 62 63 63 63 63 63 63 64 65 66 65 66 66 66 67 66 67 68 69 69 69 69 69 69 69 70 71 72 73 74 72 73 74 74 75 75 76 77 78 78 79 80 81 81 82 83 84 84 85 86 87 88 86 87 88 89 90 9			╘	_	 	\vdash	Т		Т	<u> </u>	T	1		59						_	<u> </u>		П
10 11 = 61 62 63 63 63 63 63 64 65 66 65 66 66 65 66 66 67 67 68 69 70 70 71 72 73 73 74 72 73 74 74 74 74 74 74 74 74 75 75 76 77 78 78 78 79 78 78 79 80 80 81 81 82 83 83 83 83 83 83				\vdash	Н	H	┢	_	\vdash	t	T	1							_	 			П
11 12 = 12 13 = 13 14 = 15 66 16 66 17 66 18 68 19 68 20 70 21 71 22 73 23 74 25 75 26 76 27 77 28 79 30 80 31 80 31 81 82 82 33 83 36 86 37 88 86 87 87 88 89 90 90 91 44 94 44 94 44 94			-	\vdash	\vdash	\vdash	一	1	Н	Т	\vdash	1											Н
12 13 = 63 64 65 66 65 66 66 66 66 67 67 68 68 68 69 69 69 69 69 69 70 71 72 72 72 73 73 73 73 73 73 73 73 73 73 73 74 74 75 76 77 78 79 79 79 78 79			=	<u> </u>		\vdash	┢	T-	Т	Т	T	1		62						_			Н
13 14 = 64 65 66 65 66 66 67 68 68 69 70 71 72 72 73 74 72 73 74 74 72 73 74 74 74 74 74 74 75 76 77 78 79 78 79 78 79 79 78 79 79 80 80 81 82 82 83 83 83 84 84 84 85 86 86 86 86 86 86 86 86 87 88 88 89 90 90 90 90 90 91 91 92 93 94 94 94 94 94 94 94 94 94 94 95			-	 			-	 	┢	Н		1 1		63	\Box			_		-	\vdash		Н
15 65 16 66 17 68 19 68 20 70 21 71 22 72 23 73 24 74 25 75 26 76 27 77 28 79 30 80 31 81 32 82 33 83 34 84 35 85 36 86 37 87 38 88 39 90 41 91 42 92 43 94 44 94	13			\vdash		\vdash	\vdash		\vdash	\vdash	H	1		64						-	t		П
16 66 17 68 18 68 19 70 21 71 22 72 23 73 24 74 25 75 26 76 27 77 28 79 30 80 31 81 32 82 33 83 34 84 35 85 36 86 37 88 39 89 40 90 41 91 42 92 43 94 44 94	<u> </u>		_	_	 	-	\vdash	\vdash	Н	\vdash	-	1 1		65						\vdash	 	_	П
17 18 19 68 20 70 21 71 22 72 23 73 24 74 25 75 26 76 27 77 28 79 30 80 31 81 32 82 33 83 34 84 35 85 36 86 37 87 38 89 40 90 41 91 42 92 43 94 44 94	\vdash		\vdash	\vdash	\vdash	H	┢		⊢	┢	\vdash	1 1				_			-	-	 	-	Н
18 68 19 69 20 70 21 71 22 72 23 73 24 74 25 75 26 76 27 77 28 79 30 80 31 81 32 82 33 83 34 84 35 85 36 86 37 87 38 88 39 90 41 91 42 92 43 94 44 94				-	-	┝	╫	┢	⊢	╁	-	1		67	\vdash		-	_	-	┝	_	_	Н
19 69 20 70 21 71 22 72 23 73 24 74 25 75 26 76 27 77 28 78 29 79 30 80 31 81 32 82 33 83 34 84 35 85 36 86 37 87 38 88 39 90 41 91 42 92 43 94 44 94	-		┢	\vdash	\vdash	\vdash	┢	┢	⊢	┢	-	1 1		68				_		\vdash	┢	-	Н
20 70 21 71 22 72 23 73 24 74 25 75 26 76 27 77 28 78 29 79 30 80 31 81 32 82 33 83 34 84 35 85 36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 94 44 94	-		-	-	\vdash	-	├	-	├-	├	-	1		60						-	-		Н
21 71 22 72 23 73 24 74 25 75 26 76 27 77 28 78 29 79 30 80 31 81 32 82 33 84 35 85 36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 94 44 94	\vdash	20	┢	-	-	├	\vdash	-	-	┢	├	1 1		70	\vdash		·	_	-	┢	\vdash		Н
22 72 23 73 24 74 25 75 26 76 27 77 28 79 30 80 31 81 32 82 33 83 34 84 35 85 36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 94 44 94			\vdash	⊢	├	\vdash	-	⊢	⊢	├	-	1		71	-	_		_	-	-	-	-	Н
23 73 24 74 25 75 26 76 27 77 28 78 29 79 30 80 31 81 32 82 33 83 34 84 35 85 36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 94 44 94			-	-	⊢	H	-		-	-	\vdash	1		72	-			_	-	-	-		Н
24 74 25 75 26 76 27 77 28 78 29 79 30 80 31 81 32 82 33 83 34 84 35 85 36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 94 44 94 45 95		22	-		├	-	├	⊢	⊢	-	├	1		72	\vdash		_	-		-	 	_	Н
25 75 26 76 27 77 28 78 29 79 30 80 31 81 32 82 33 83 34 84 35 85 36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 94 44 94 45 95				-	-	-	⊢	-	\vdash	\vdash	┢	1			_		-		-	⊢	┢	\vdash	Н
26 76 27 77 28 78 29 79 30 80 31 81 32 82 33 83 34 84 35 85 36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 94 44 94 45 95		25	<u> </u>	_	┝	⊢	⊢	-	-	├	-	1			-				\vdash	-	\vdash	\vdash	Н
27 28 77 28 78 29 79 30 80 31 81 32 82 33 83 34 84 35 85 36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 94 44 94 45 95			-	\vdash	\vdash	⊢	-		-	\vdash		1		76	\vdash		_	_	 	-			Н
28 78 29 79 30 80 31 81 32 82 33 83 34 84 35 85 36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 94 44 94 45 95			⊢	\vdash	├	├	-	-	⊢	<u> </u>	⊢	1			-				_	-	-		Н
29 79 30 80 31 81 32 82 33 83 34 84 35 85 36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 94 44 94 45 95			┝	-	⊢	⊢	-	-	-	L.	\vdash	1		70						-		-	Н
30 80 31 82 33 82 33 83 34 84 35 85 36 86 37 87 38 88 39 88 40 90 41 91 42 92 43 93 44 94 45 95		20	⊢	-	-	⊢		\vdash	⊢	├-	\vdash			70	-				-	-	-	_	Н
31 81 32 83 33 83 34 84 35 85 36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 93 44 94 45 95			⊢	-	-	⊢	-	-	├	├	⊢	1		90				_		-			Н
32 82 33 83 34 84 35 85 36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 93 44 94 45 95	-	30	⊢	_	⊢	-	_	-	-	⊢	-	1			\vdash						-	-	Н
33 83 34 84 35 85 36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 93 44 94 45 95	\vdash		┝	_	_	_	-	-	⊢	-	-	1			\vdash	_	_	_		-	-	\vdash	Н
34 84 35 85 36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 93 44 94 45 95			├	 	-	├	\vdash	-	Н	⊢	├	1		02				_	_	-	-		Н
35 85 36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 93 44 94 45 95			-		-	⊢	-	-	Н	-	H	1			_				·		-	_	Н
36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 93 44 94 45 95			ļ			├-	_	-	┝	_	_	1		84			_		-	-	,		Н
37 87 38 88 39 89 40 90 41 91 42 92 43 93 44 94 45 95			⊢	-	<u> </u>	 	⊢		⊢	<u> </u>	<u> </u>	1		85			_		<u> </u>	<u> </u>			Н
38 88 39 90 41 91 42 92 43 93 44 94 45 95			-	-	\vdash	├-	\vdash	-	⊢	\vdash	⊢				\vdash		<u> — </u>	<u> — </u>	-	-	-	 - 	Н
39 89 90 90 91 91 91 92 92 93 93 94 94 94 95 95 95 95 95 95 95 95 95 95 95 95 95			├		<u> </u>		ŀ	\vdash	⊢	<u> </u>	⊢						-	-	-	-	-	\vdash	Н
40			 	\vdash	⊢	\vdash	\vdash	\vdash	\vdash	\vdash	<u> </u>				\vdash		<u> </u>	_	<u> </u>		├-	-	
41 91 42 92 43 93 44 94 45 95			\vdash	 	 	├	-	-	<u> </u>	-	 				\vdash		<u> </u>	\vdash	\vdash	⊢	├	\vdash	Н
42 92 93 93 94 94 95 95 95 95 95 95			<u> </u>	 	<u> </u>	 	 	Н—	 	<u> </u>					\vdash		ļ	<u> </u>	├—	-	 	\vdash	Н
43 93 94 94 95 95 95 95 95 95 95 95 95 95 95 95 95	<u> </u>		 	 	├	├-	 	 	 	 	\vdash				-		<u> </u>	<u> </u>	<u> </u>	 —	 	 	Н
44 94 95 95 95 95 95 95		42	\vdash			<u> </u>	 —	\vdash	\vdash	⊢	 —	1		92	\vdash		_	_	 	 	<u> </u>	<u> </u>	Н
45 95	\vdash		<u> </u>	<u> </u>	<u> </u>	⊢	<u> </u>	-	ļ	<u> </u>	<u> </u>				H			-	├-		<u> — </u>	-	Н
			<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	 	<u> </u>	<u> </u>	<u> </u>			94			_	\vdash	<u> </u>		⊢		Н
	 		\vdash	<u> </u>	<u> </u>	⊢	<u> </u>	_	<u> </u>	<u> </u>	I				\vdash		<u> </u>	_	<u> </u>	<u> </u>	<u> </u>	<u> </u>	Ш
46 96	<u> </u>		—		<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>			96	$\vdash \vdash$		H		ــــا	<u> </u>	<u> </u>	-	Ш
47 97			_	<u> </u>	<u> </u>	⊢	<u> </u>	! —	<u> </u>	<u> </u>	<u> </u>				$\vdash \vdash$		_		⊢	<u> </u>		—	Н
48 98			<u> </u>	<u> </u>		Ь		<u> </u>	<u> </u>	<u> </u>	<u> </u>				\vdash			L	<u> </u>		<u> </u>	<u> </u>	Н
49 99	\vdash	49	_	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	⊢	<u> </u>			99	Ш		\sqcup			<u> </u>	 	ļ	Ш
50 100	igsquare	50		<u> </u>	<u> </u>		<u> </u>	Щ.	<u>L</u>	<u> </u>	L	IJ		100	Ш		\Box		<u>L</u>	L			Ш

Cla	aim	Date											
o	Original				į į								
Final	ğ						1						
	Ō												
-	51	-		\vdash	_	H	-		-	\vdash			
	51	_	_	\vdash	-	-	⊢	_					
	52 53			-	_	_	<u> </u>		-	H			
	53			<u> </u>	_		ļ	_		_			
	54	_		_		H	_			<u> </u>			
	55	_	_	_	_	<u> </u>		_		Щ			
	56			L		Ŀ	_						
	57						_						
	58						<u> </u>						
	59					L							
	60												
	61 62	<u> </u>		$oxedsymbol{oxed}$			L						
	62												
	63												
	63 64 65												
	65												
	66									\Box			
	67						\Box						
	68			П	П			Т					
—	68 69	_											
	70	_	_	H									
	71					_		_		\vdash			
	71 72 73						_	_	_				
	73			Г	\vdash		_						
	74		_										
	75												
	74 75 76 77		_				_						
	77												
	78	_					_		-	Т			
	79	_					\vdash	_					
\vdash	80	_								┢┈			
-	81	\vdash			-								
\vdash	82	\vdash	\vdash	\vdash	\vdash	-	_	\vdash					
-	82 83	\vdash	\vdash	\vdash	\vdash		_	-	_	-			
	84	\vdash				H				H			
\vdash	85	\vdash	\vdash	 	 	 		-		\vdash			
_	86	-		 	\vdash	 	\vdash			-			
_	87	\vdash	-	\vdash	\vdash	Η.	\vdash	\vdash	-	\vdash			
-	88	 	_	 	\vdash	\vdash	\vdash	\vdash	\vdash	\vdash			
	89	\vdash	\vdash	-	\vdash	\vdash		\vdash	-				
_	90	\vdash	\vdash	\vdash	H	\vdash	\vdash	 	\vdash	Ι			
-	91	\vdash	<u> </u>	-	 	H	\vdash	-	\vdash	\vdash			
<u> </u>	92			┝	\vdash	\vdash	-	\vdash	-	-			
	93		<u> </u>	-	\vdash	┢	\vdash	-	-	\vdash			
	94	 	Ι	├	 	├-		\vdash	-	\vdash			
<u> </u>	95			\vdash	\vdash	H		\vdash	\vdash	 			
\vdash	96	-	 	\vdash	\vdash	<u> </u>	\vdash	\vdash	\vdash	-			
-	97	<u> </u>	_	\vdash	_	H	\vdash	<u> </u>	-	-			
-		\vdash	<u> </u>	┝	├	\vdash	\vdash		\vdash	\vdash			
<u> </u>	98 99	 	<u> </u>	\vdash	 	-		\vdash	-	\vdash			
	100	H		H			⊢	-		\vdash			
1	1 11/1//												

Cla	Date									
						Γ	-			\Box
~	Original									
Final	. <u>i</u>		ĺ							
ш	Ö									
	101			Γ						
-	102									П
	103	_	\vdash	_	_	-	_	_	-	Н
	102 103 104 105 106		\vdash	-	_	-				Н
	104			_		├	<u> </u>	_	 	
	105		_	_		<u></u>			Щ	Ш
	106									Ш
	107 108							l		
	108									
	109		Т	\vdash		Г				П
	110	_	\vdash	-				_	H	Н
	110	_	 	┢	_	-	-		-	Н
	111	_	_	-	⊢		_	_	<u> </u>	Н
	112		<u> </u>	-	_	<u> </u>	<u> </u>	_	_	Ш
	110 111 112 113 114 115	L.	<u></u>	L			L		Ш	ш
	114	L		L	L		L	L.	L	╚
	115									
	116		\vdash							П
	116 117	_	\vdash	\vdash	├─		\vdash	 	\vdash	Н
	440			-	-	-	-		-	Н
	118 119	·-	<u> </u>	_	_	_	_	_	_	Н
	119			L					Ш	Ш
	120									
	121									
	122									
	123									
	121 122 123 124 125 126 127 128 129		\vdash	\vdash			_			Н
	125			-	_		\vdash	_		$\vdash \dashv$
	120		-	\vdash	-	H	-	-	-	\dashv
	120	_	_	<u> </u>	_	_			<u> </u>	
	127	_	L_	<u> </u>	_			_	_	Щ.
	128									Ш
	129			ĺ						
	130			Г						
	131	_		\vdash					_	П
_	132		_	-	_	_			H	\vdash
	132	_	\vdash	⊢	_	H		-	┝	Н
	133		_	├	_		_	-	⊢	-
	134	_	_	<u> </u>	<u> </u>	<u> </u>	<u> </u>		\vdash	Ш
	132 133 134 135 136			<u> </u>	Ь.	<u> </u>	L_	<u> </u>	L	Ш
	136	L	L	L	L	L	L	L		
	137 138	_	_							
	138					Г				П
	139			\vdash		Т		\vdash		Н
	140		\vdash	-	\vdash	\vdash	-	⊢	\vdash	Н
	140	_	\vdash	<u> </u>		-	\vdash	⊢⊸	-	$\vdash \vdash$
	141	<u> </u>	<u> </u>	<u> </u>	<u> </u>	—	<u> </u>	<u> </u>	\vdash	\vdash
	142	_		L				.	$oxed{oxed}$	Ш
	143	L	L	L	L	L	L	L	L	
	144									
	145		\Box				Т	_		\Box
	146	-	\vdash	\vdash	_	\vdash	\vdash	\vdash	\vdash	\dashv
			├-	\vdash	-	\vdash	<u> </u>	-	-	Н
	147	_	_	\vdash	<u> </u>	├-	<u> </u>	<u> </u>	<u> </u>	Ш
	148		<u> </u>	<u> </u>		∟	_	<u> </u>	\vdash	Ш
	149	_		$oldsymbol{ol}}}}}}}}}}}}}}}}}}$		_		L	L	Ш
	150					L				